

HOWREY

April 26, 2000

Box Patent Application

BY HAND DELIVERY

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Non-Provisional Utility Patent Application
Application No.: To be Assigned; Filed: April 26, 2000
For: **Thin Film Transistor Array Panel and Methods for Manufacturing
the Same**
Inventors: **Dong-Gyu KIM; and Jong-Soo YOON**
Our Ref: 06192,0132

Sir:

The following documents are forwarded herewith for appropriate action by the
U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal Form;
2. Fee Transmittal Form 1082 (duplicate); and
3. U.S. Utility Patent Application entitled:

**Thin Film Transistor Array Panels and Methods for Manufacturing the
Same**

and naming as inventors:

Dong-Gyu KIM; and Jong-Soo YOON

the application consisting of:

- a. a specification containing:
 - (i) **27** pages of description prior to the claims;
 - (ii) **14** pages of claims (**63** claims); and
 - (iii) a one (1) page abstract;
- b. 41 sheets of drawings: (Figs. 1-3, 4A-4C, 5A-5B, 6A-6C, 7A-7C, 8A-8C, 9A-9C, 10A-10B, 11A-11B, 12A-12B, 13A-13C, 14-16, 17A-17C, 18A-18C, 19A-19B, 20A-20C, 21-23, inclusive);



4. Our check no. 327134 for \$1,738.00 to cover:
\$1,698.00 filing fee for patent application;
\$ 40.00 recordation assignment filing fee
5. A copy of Combined Declaration and Power of Attorney for Patent Application;
6. Form PTO-1595 Recordation Cover Sheet and a copy of the executed Assignment to Samsung Electronics Co., Ltd., recordation of which is hereby respectfully requested; and
7. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Applicant hereby claims foreign priority benefits under Title 35, United States Code, § 119 to Korean Application Nos. 1999-14896, 1999-14898 and 2000-19712 respectively filed April 26, 1999, April 26, 1999 and April 14, 2000.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Michael J. Bell
Registration No. 39,604

Enclosures

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. <u>106192,0132</u>	
		First Named Inventor or Applicant Identifier <u>Dong-Gyu, KIM et al</u>	
		Title <u>Photo Film Transistor Array Panel and Methods for Manufacturing the Same</u>	
		Express Mail Label No. _____	

APPLICATION ELEMENTS <i>(Multiple copies of each element must be submitted with this transmittal)</i>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(One original and duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (if used)
2. <input checked="" type="checkbox"/> Specification <i>(Prepare an amendment if necessary)</i> <div style="float: right;">Total Pages <u>42</u></div> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed-sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if used) - Detailed Description - Claims - Abstract of the Disclosure 	7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(If applicable, also complete)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input type="checkbox"/> Drawings (35 USC 113) <div style="float: right;">Total Sheets <u>4</u></div>	ACCOMPANYING APPLICATION PARTS
4. <input type="checkbox"/> Oath or Declaration <div style="float: right;">Total Pages <u>3</u></div> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(If used, include a copy of the prior application)</i> [Note Box 5 below] c. <input type="checkbox"/> DECLARATION OF INVENTOR(S) <i>(Sign and file this form with the prior application submitted in the prior application, see 37 CFR 1.63(d)(2) and 1.63(e).</i> 	
5. <input type="checkbox"/> Incorporation By Reference (ascertain if Box 4b is checked) The entire disclosure of the prior application from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	
17. <input type="checkbox"/> If a CONTINUING APPLICATION , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <input type="checkbox"/> Other (specify) _____ Prior Application Information: Examiner _____ Group Art Unit _____	

17. If a CONTINUING APPLICATION , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <input type="checkbox"/> Other (specify) _____ Prior Application Information: Examiner _____ Group Art Unit _____	
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22930 PATENT TRADEMARK OFFICE	
NAME <u>HOWREN, SIMON ARNOLD & WHEELER, LLP</u> Box No. <u>34</u> Address <u>1200 Pennsylvania Avenue, N.W.</u> <u>Washington, D.C. 20004-2422</u> Phone <u>202-331-1100</u>	
Mailing Label No. _____ Registered No. _____ Date _____	

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20534

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Dong-Gyu KIM; and Jong-Soo YOON**For: **THIN FILM TRANSISTOR ARRAY PANEL AND METHODS FOR MANUFACTURING THE SAME**

Enclosed are:

- ☒ 41 sheets of drawings (Figs. 1-3, 4A-4C, 5A-5B, 6A-6C, 7A-7C, 8A-8C, 9A-9C, 10A-10B, 11A-11B, 12A-12B, 13A-13C, 14-16, 17A-17C, 18A-18C, 19A-19B, 20A-20C, 21-23, inclusive)
- ☒ An assignment of the invention to SAMSUNG ELECTRONICS CO., LTD.
- ☒ Form PTO-1595
- ☐ A certified copy of Korean Priority Document Patent Application No. 99-54873
- ☐ An associate power of attorney
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27
- ☐ Executed Power of Attorney from Assignee
- ☒ Executed Declaration for Patent Application

The filing fee has been calculated as shown below:

(Col. 1)			(Col. 2)		SMALL ENTITY		OTHER THAN A SMALL ENTITY		
FOR	NO. FILED		NO. EXTRA		RATE	FEE	OP	RATE	FEE
BASIC FEE						\$ 380.00	OP		\$690.00
TOTAL CLAIMS	63	-20 =	43		x 9 =		OP	43 x 18 =	774.00
INDEP. CLAIMS	6	-3 =	3		x 30 =		OP	3 x 78 =	234.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED									
*If the difference in Col. 1 is less than zero, enter 0 in Col. 2					TOTAL		OP	TOTAL	\$1698.00

Please charge my Deposit Account No. 08-3038 in the amount of

A duplicate copy of this sheet is attached

xx A check in the amount of \$1,738.00 to cover the filing fees and the assignment recordation fee is enclosed.

xx The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

xx Any additional filing fees required under 37 CFR 1.16

xx Any patent application processing fees under 37 CFR 1.17

The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

Any patent application processing fees under 37 CFR 1.17

The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance pursuant to 37 CFR 1.311(b)

Any filing fees under 37 CFR 1.16 for presentation of extra claims

Date April 26, 2000

Michael J. Bell, Esq., N.E. 306-4